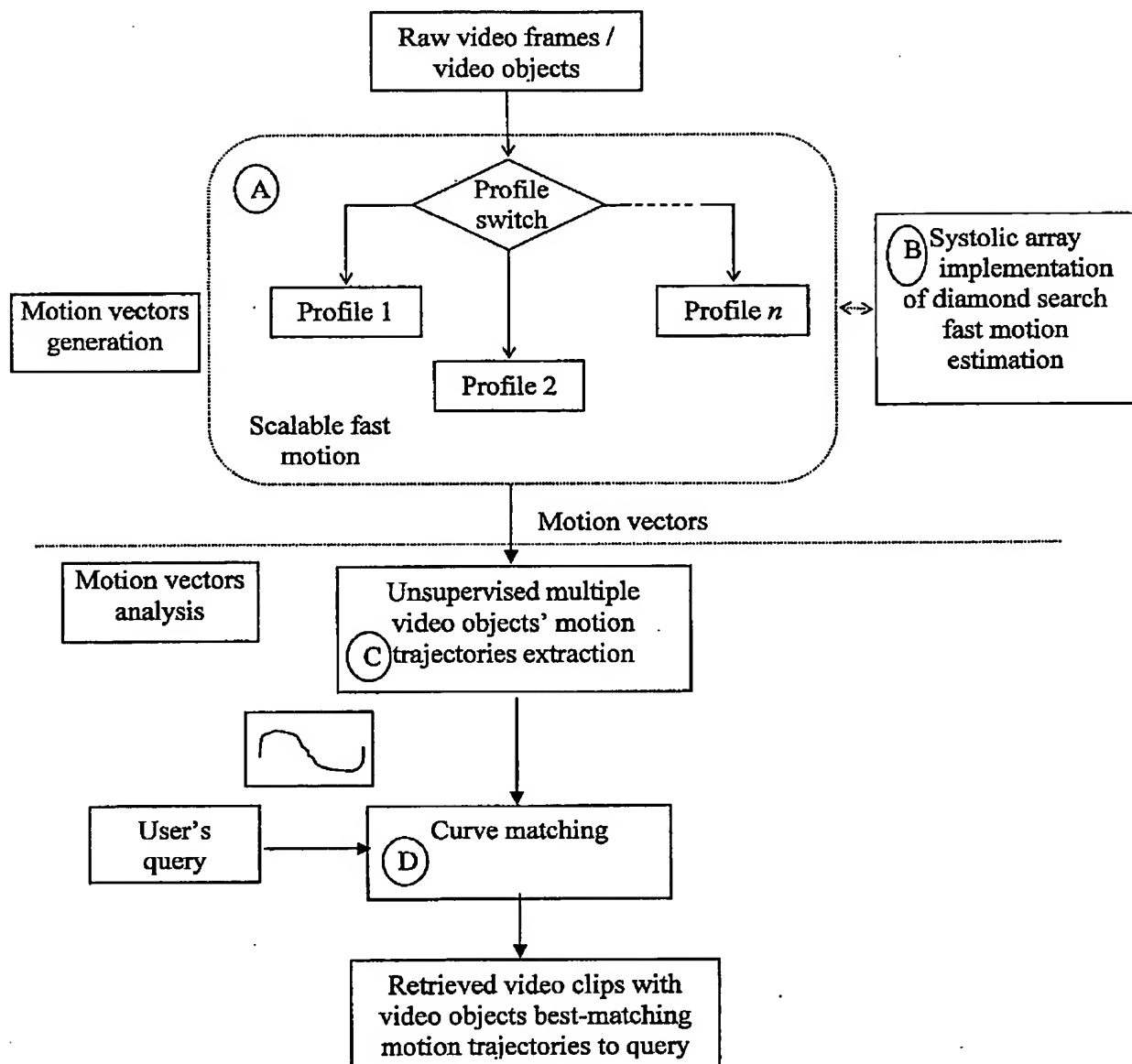


Replacement Sheet**Fig. 1**

Replacement Sheet

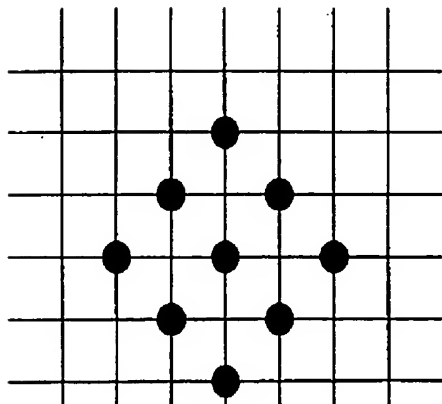


Fig. 2(a)

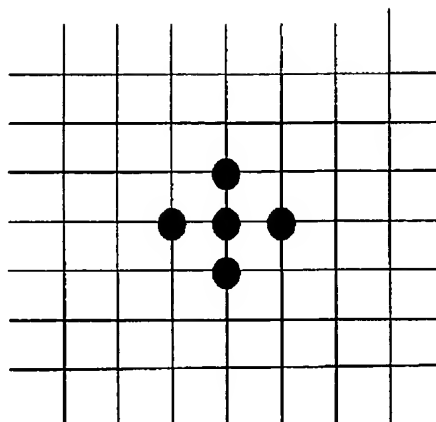


Fig. 2 (b)

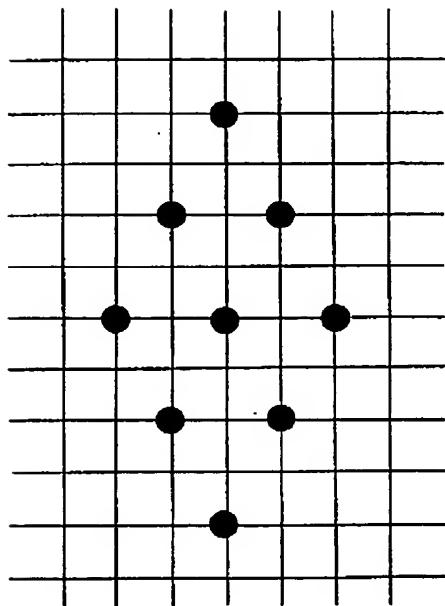


Fig. 3(a)

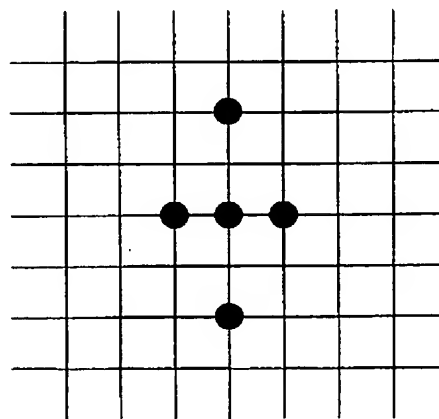


Fig. 3(b)

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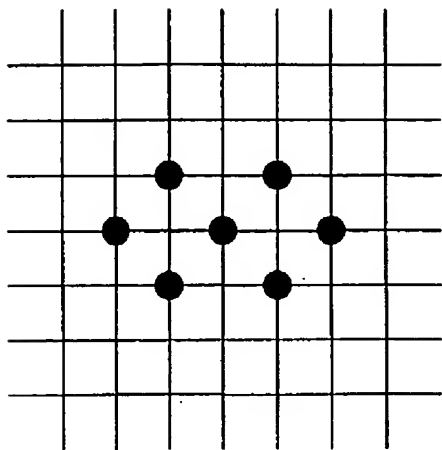
Replacement Sheet

Fig.4 (a)

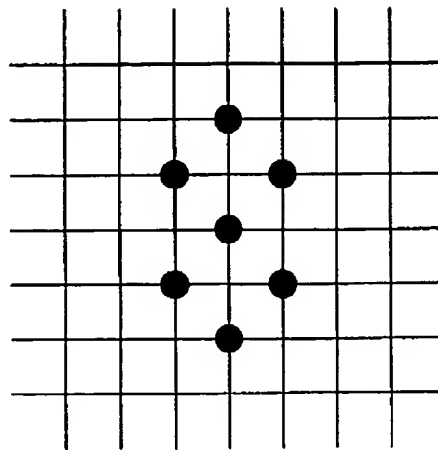


Fig.4(b)

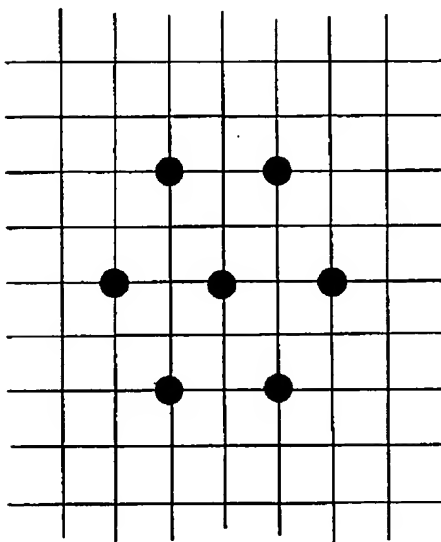


Fig. 4(c)

Replacement Sheet

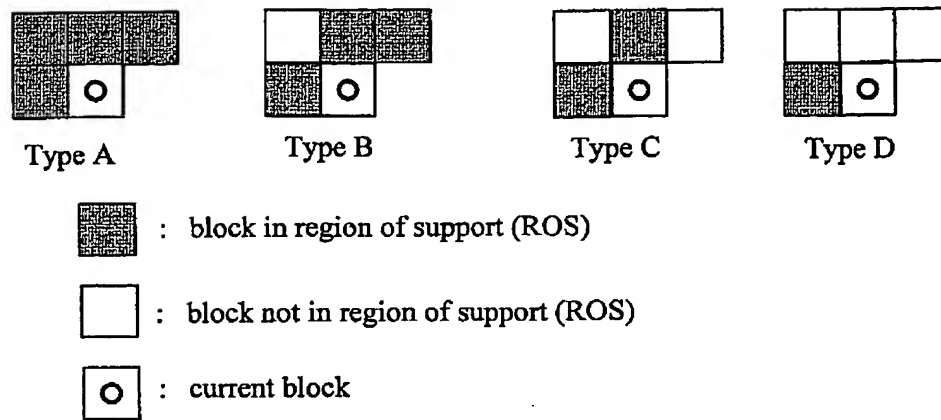


Fig. 5

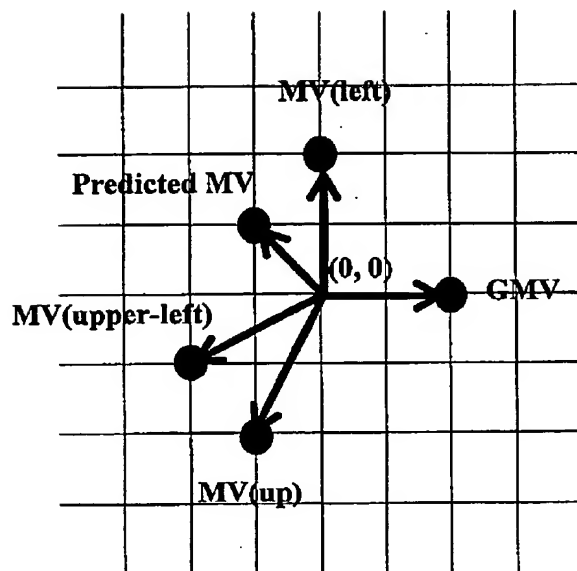


Fig. 6(a)

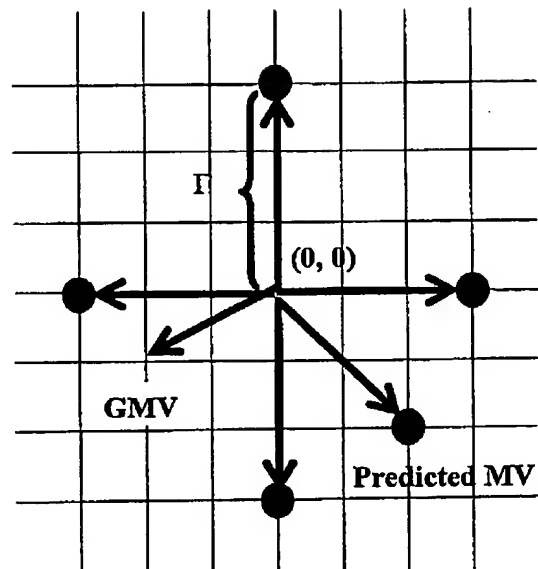


Fig. 6(b)

Replacement Sheet

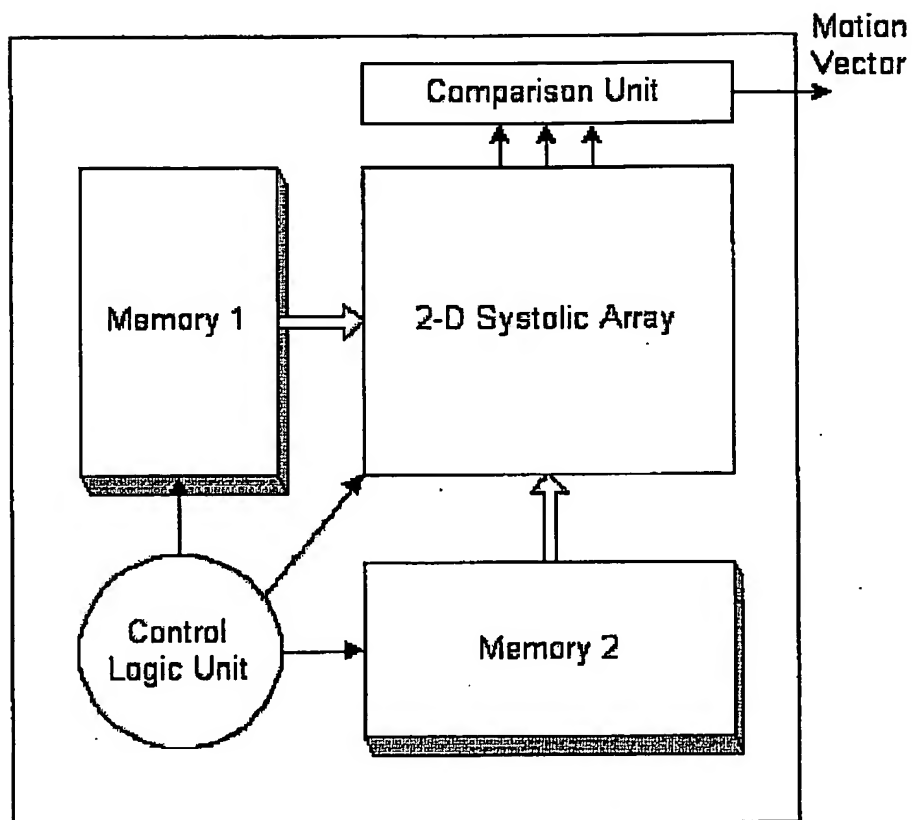
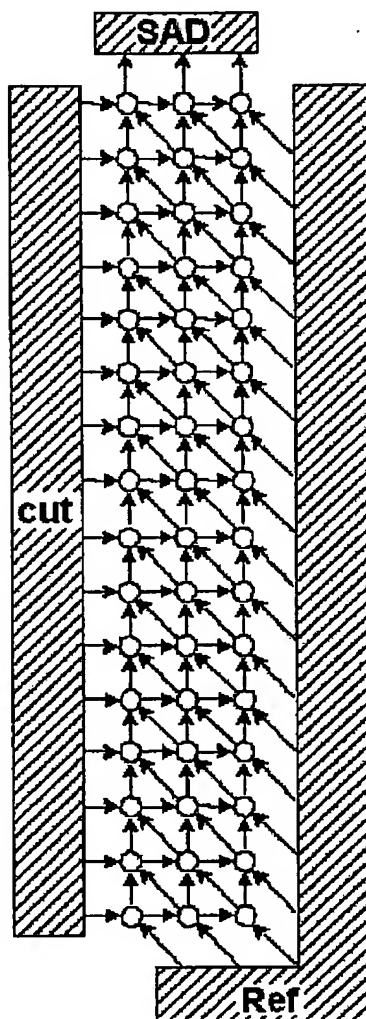


Fig. 7

Replacement Sheet**Fig. 8**

Replacement Sheet

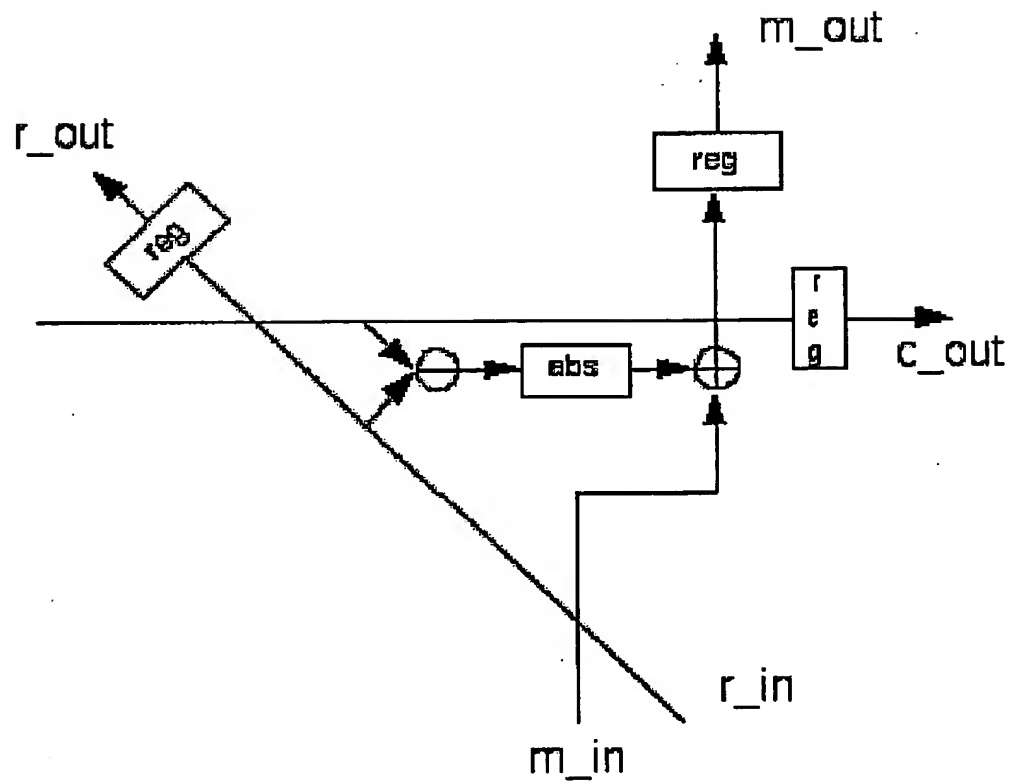


Fig. 9

REPLACEMENT SHEET

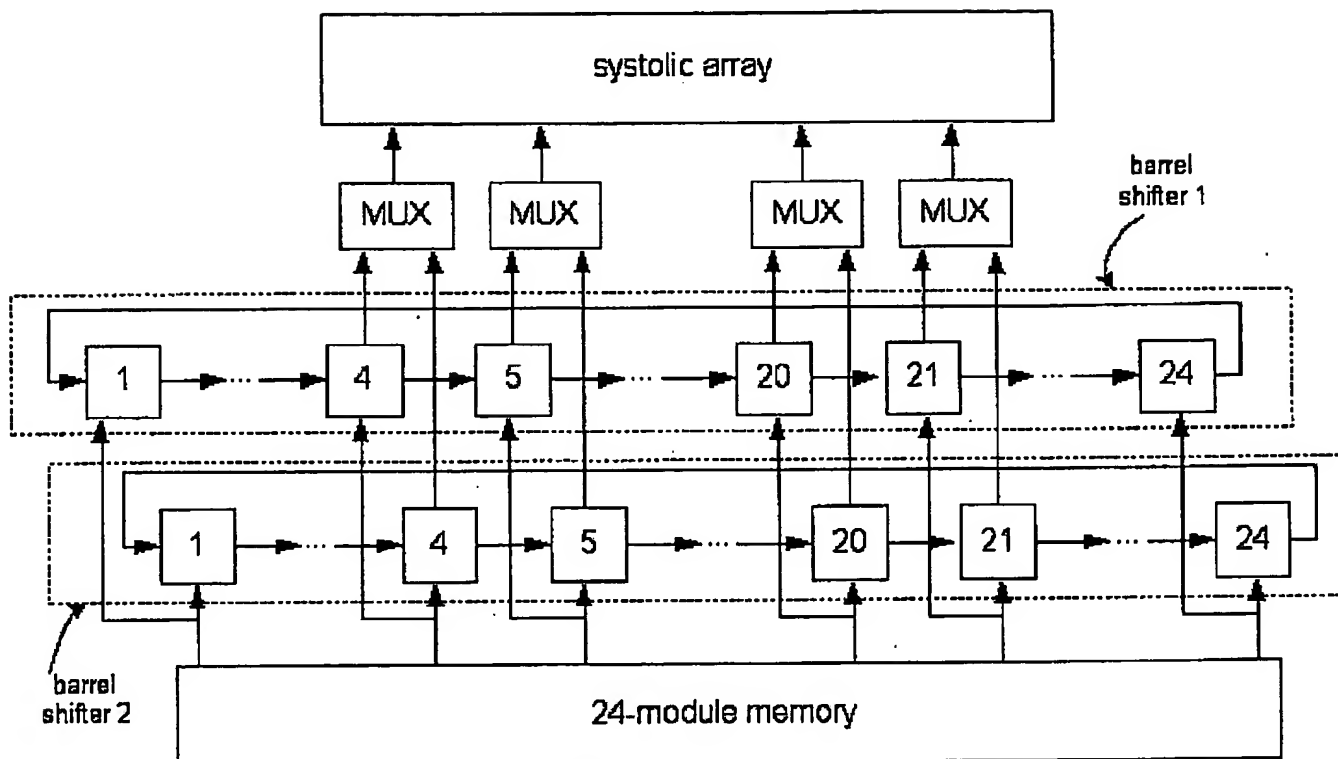


Fig. 10

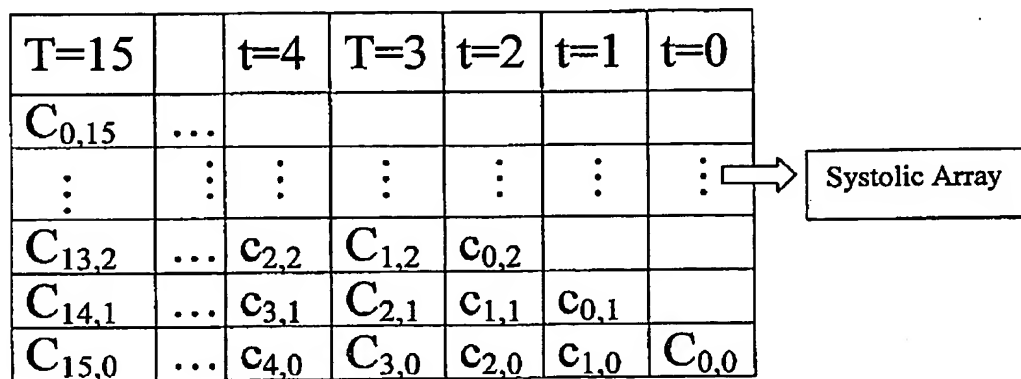


Fig. 11(a)

Replacement Sheet

Systolic Array



	$t=0$	$R_{0,0}$	$r_{0,1}$	$r_{0,2}$	$r_{0,3}$	...	...	$r_{0,15}$	*	*
	$t=1$	$R_{1,0}$	$r_{1,1}$	$r_{1,2}$	$r_{1,3}$	...	...	$r_{1,15}$	$r_{1,16}$	*
	$t=2$	$R_{2,0}$	$r_{2,1}$	$r_{2,2}$	$r_{2,3}$	...	...	$r_{2,15}$	$r_{2,16}$	$r_{2,17}$
	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots
	$t=15$	$r_{15,0}$	$r_{15,1}$	$r_{15,2}$	$r_{15,3}$	...	...	$r_{15,15}$	$r_{15,16}$	$r_{15,17}$
<i>slot 1</i>	$t=16$	*	$r_{16,1}$	$r_{16,2}$	$r_{16,3}$	...	...	$r_{16,15}$	$r_{16,16}$	$r_{16,17}$
<i>slot 2</i>	$t=17$	*	*	$r_{17,2}$	$r_{17,3}$	...	...	$r_{17,15}$	$r_{17,16}$	$r_{17,17}$
	$t=18$	$r_{1,-1}$	$r_{1,0}$	$r_{1,1}$	$r_{1,2}$	...	...	$r_{1,14}$	*	*
	$t=19$	$r_{2,-1}$	$r_{2,0}$	$r_{2,1}$	$r_{2,2}$	...	...	$r_{2,14}$	$r_{2,15}$	*
	$t=20$	$r_{3,-1}$	$r_{3,0}$	$r_{3,1}$	$r_{3,2}$	...	...	$r_{3,14}$	$r_{3,15}$	$r_{3,16}$
	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots
	$t=33$	$r_{16,-1}$	$r_{16,0}$	$r_{16,1}$	$r_{16,2}$	...	...	$r_{16,14}$	$r_{16,15}$	$r_{16,16}$
<i>slot 1</i>	$t=34$	*	$r_{17,0}$	$r_{17,1}$	$r_{17,2}$	...	...	$r_{17,14}$	$r_{17,15}$	$r_{17,16}$
<i>slot 2</i>	$t=35$	*	*	$r_{18,1}$	$r_{18,2}$	...	...	$r_{18,14}$	$r_{18,15}$	$r_{18,16}$
	$t=36$	$r_{2,-2}$	$r_{2,-1}$	$r_{2,0}$	$r_{2,1}$	...	...	$r_{2,13}$	*	*
	$t=37$	$r_{3,-2}$	$r_{3,-1}$	$r_{3,0}$	$r_{3,1}$	...	...	$r_{3,13}$	$r_{3,14}$	*
	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots	\vdots

Fig. 11(b)

Replacement Sheet

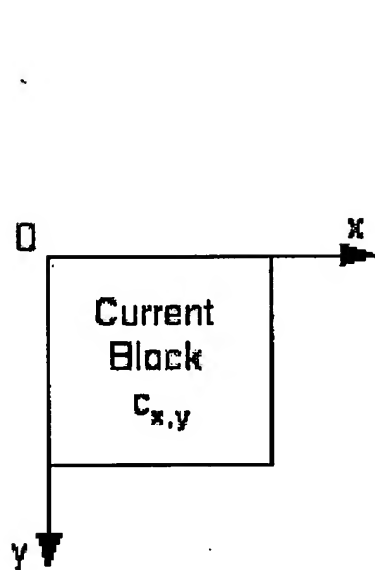


Fig. 12(a)

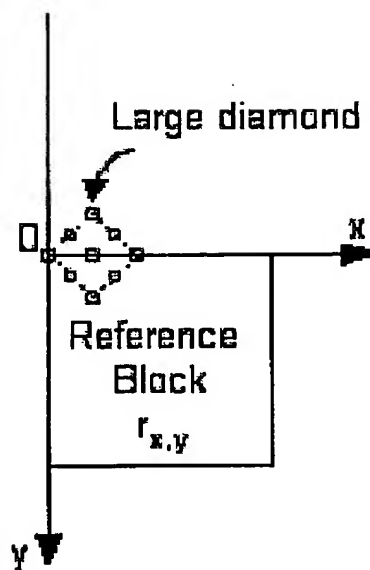


Fig. 12(b)

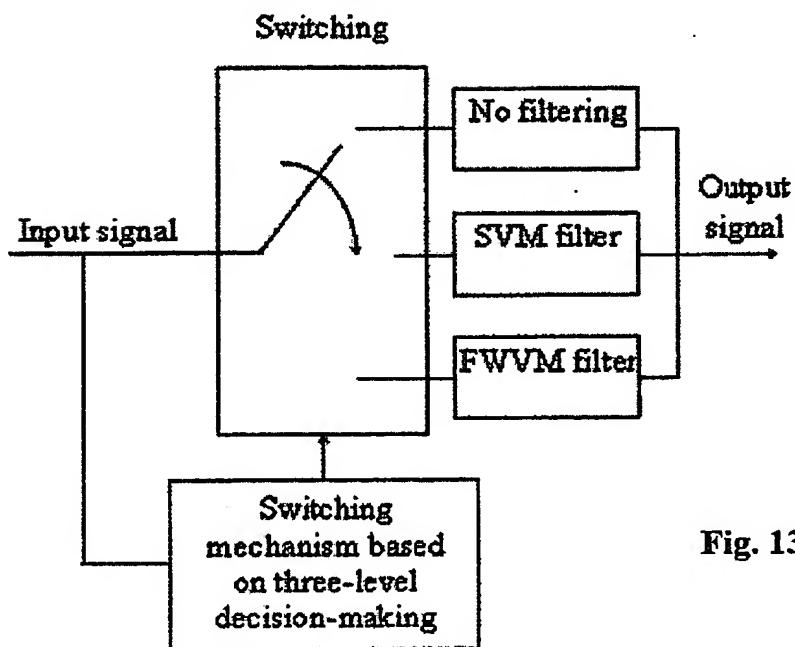


Fig. 13(a)

Replacement Sheet

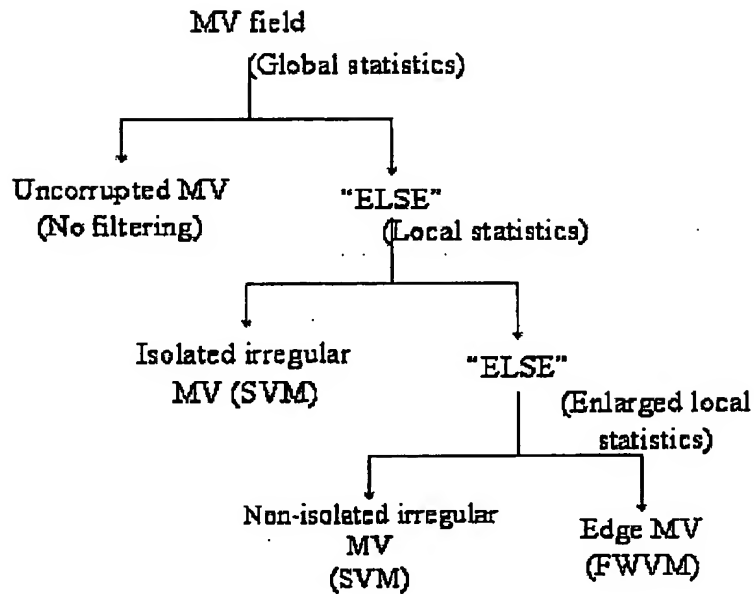


Fig. 13(b)

Replacement Sheet

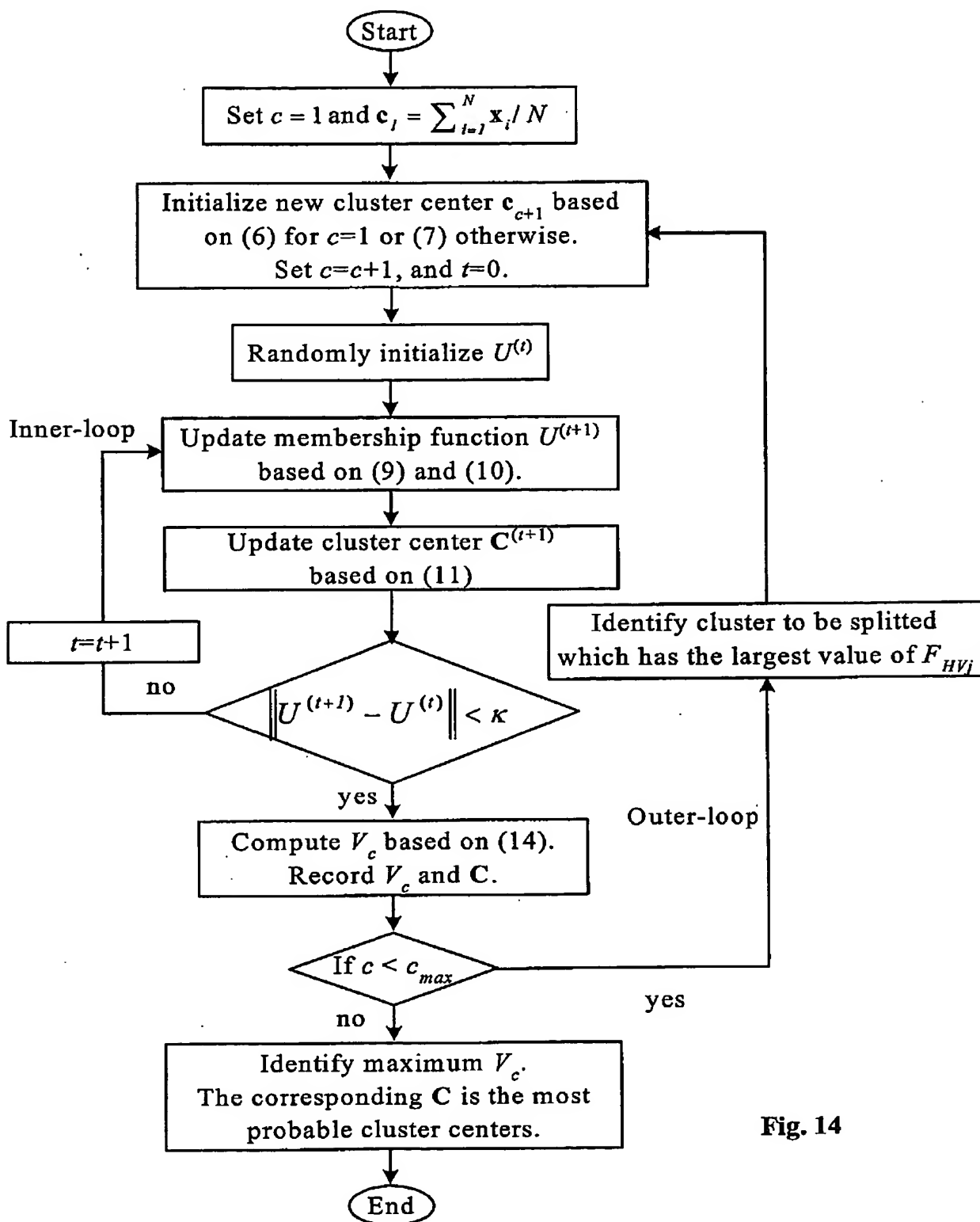


Fig. 14

Replacement Sheet

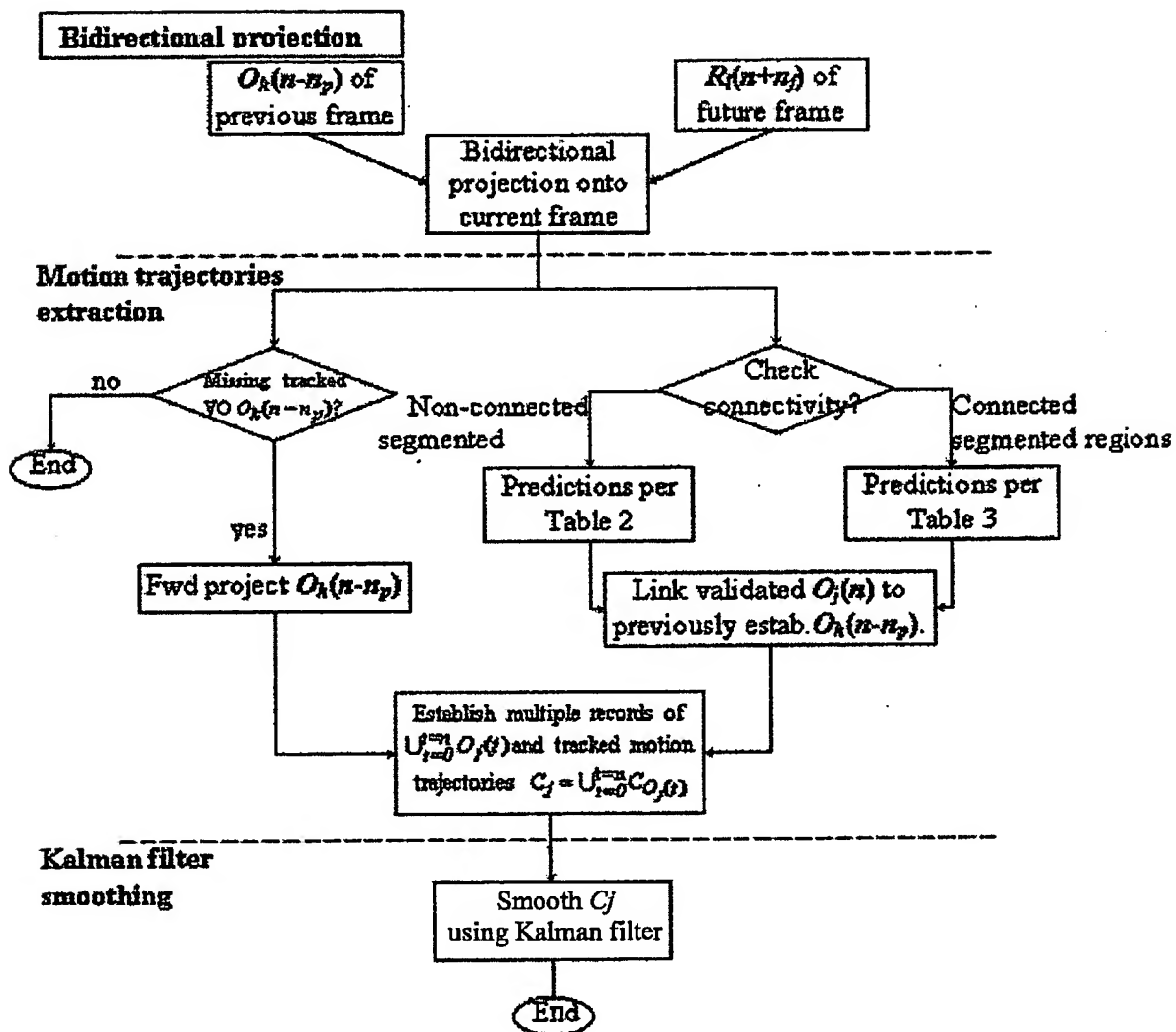


Fig. 15